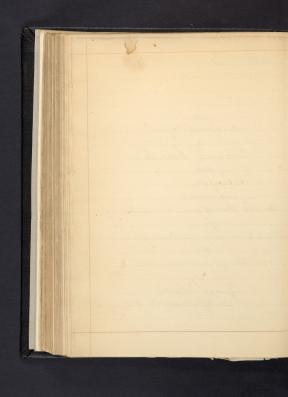
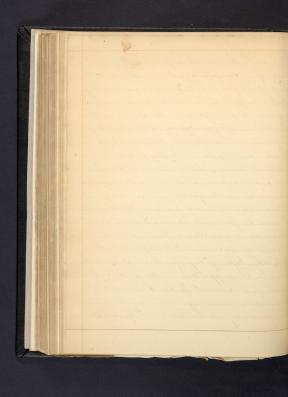
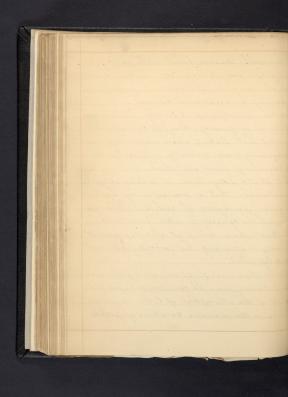
Celampsia To the Provost and Medical Faculty The Mirerity of Penneylvania George Smith 1022 -



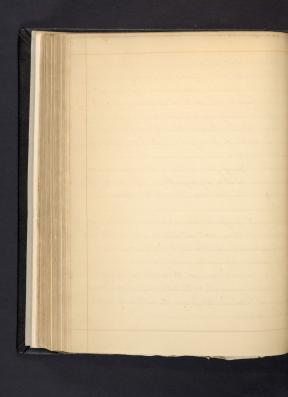
It is with the utmost difficuence, & highest Jense of incompetency, I address a body of mon to far my superiors; & particularly on the subject of a disease, no which there medical world, as regards its treatment. I mean Amerperal Convulsions. and fatal in its ifere. __ it may be proper to observe, I do not expect to acute of discernment & deep in research. that, only hope, if my opinions accord with Theirs, to be supported in the practice of adopt, if diservant to be convinced of As preliminary to the treatment of this most



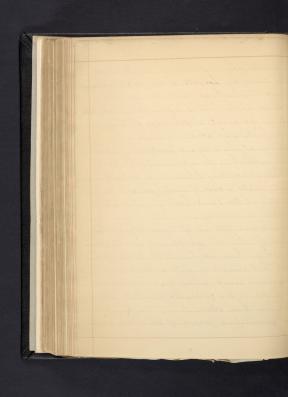
formidable disease, I shall make some few . nemarks upon its reputed remote causes; which may be divided into predisposing, sexciting or occasional courses . _ state of programcy, because convulsions during that state, (when depending) on pregnancy) are evidently different in their But at the same time it is satisfactorily. ascertained, that a moman may have regular paroxysms of epilepsy through The whole course of intero gestation, without their being at all dependant whom, or deranging the process of uterine developement. Doctor Denman supposes, among) the exci - ting) causes, may be considered a peculiar states of the atmosphere of lities, or large towns, or the manners & customs of people



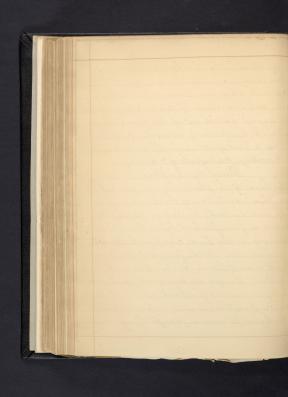
of refined Lociety. The beason of the year has been alleged - bequence of the Lympathy, which uneque wheally exists between them of the ateras is or hair, if they act at all, must act through the medium of the mind, since we Male of pregnancy, go through a course - quenes accruing from it, either to mother



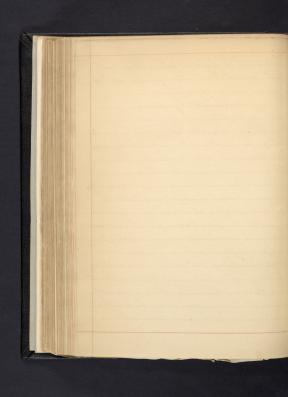
been seen by Lamott to exuse convulsions .-Profuse hemorrhage is another course. cousing) too great a determination of blood to the head, also occasions theno. Levnet relates a case of staily paroxyanis, child, but numerous, well authenticated cases, are on necord where convulsions were attaibuted to this cause, though, still the child was born alive. -Esad presentations producing too much inita



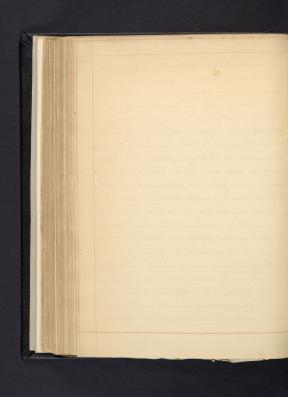
Tion of the os utari has been considered a are the supported causes of purperalconvulsions ... After Laying something of the premonitory I ultimate symptoms of the disease, I shall proceed to treat of it under the several heads of Pherenting, Distinguishing & buring. -Buemonitory Symptoms. AP the head of the plemonitary symptoms, I shall place vo cillation of the mind, ringing sensations of fine flashing before the eyes, swimming in the head, cramp in the stomach, enlarged during labour pains, while at the same time the eyes are considerably protunded; violent pain in the forehoad, causing the peculiar densation, as if a nail were ouriven in the head, as women express it, vigour



on the return of labour pains, these, ifthe premonitory symptoms .-Mollimate Symptoms. men of the age, they are ushered in by repeated The eyes twitele with such incredible velocity, - ded by a lividness approaching to blackness ._



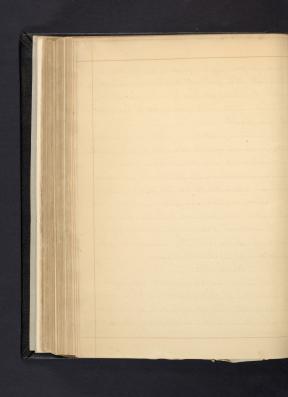
tinged with blood, from the wounds of The pulse is at first fulls, frequent and tense, ultimately, grows rapid, very small and facels are sometimes discharged invol Symptones, with greater or less violence, with longer or shorter duration, The whole body is bathed with a cold clammy sweat; at which time the paroxyano begins to subside;



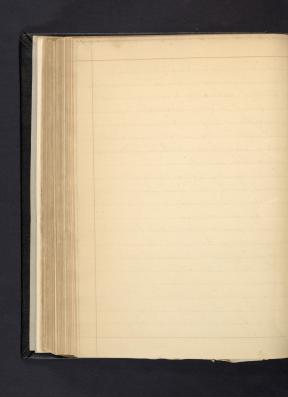
becomes more full and rigular ve._
But still the patient remains comatore,
unable to arrange her mental faculties,
and when still more recovered to recollect
what has paper.
Haring partially recovered from one parax

open, by no means insure the life of our potent, but let of our potent, this homporary remission (& particularly, when depending) all the above recited sumptons, renew their attack upon our potient, who though were tible to external occurrences, makes known the progress of labour by her mooned durchension of respiration.

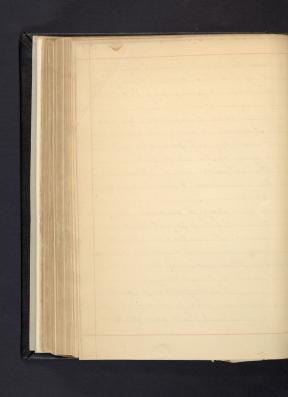
The first thing which presents itself for the preventions of this sciences, is the assissing of all irregularities of life, and, more espectally, hereby, as have a tendency to preduce



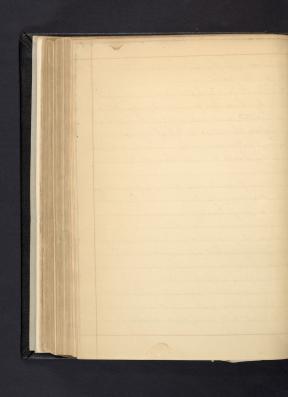
The rase of manners, insimeotion of adduts, and strictest adherence to deseney; which should belong to every acconcheur, must be employed, in keeping the mind composed, quieting apprehensions, suspelling fears, and concealing every thing which might sistraft or agitale the patient. We should equally avoid constipation. -Any district, which may arise from a disor dered state of the stomach, may be continuely, The present practice shows, that bleeding? the extensive use of it? If the symptoms are violent, we should



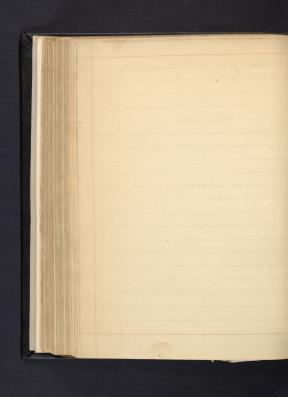
cases case the patients los much debilitated eases, the temporal artery may be cut with Towards the close of pegnancy, enamps of the ab domen; or lower extremities, have been removed by antispasmodies, and in But the extensive use of opineno has produced convulsions & perious injury I would still strine to vindicate the free use of the lance P. both to prevent the occurrences of the paroxysni, and for the ever after its occurrence; since we see all the premon citory symptoms inclining towards the Distinguishing Symptoms Millo a view as muleto to convenience as practical utility, I shall arrange these



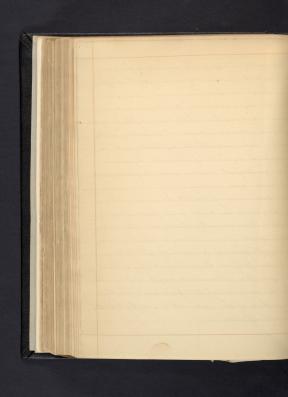
convulsions into Epileptie, Apoplectico, and Mysterical. In the first, or epileptio species, we most commonly have the premonitory symptoms, above recited, or a majority of them, several days before the attacker, which symptoms are always attended with a great setermina Tion to the head & distention of the blood or efacts. It is not confined to any period of pregnancy but most commonly occurs after the sixth months, and generally produces labour. This kinds if judiciously treated, may terminate here, but if injudiciously, may be hurried on to the apoplectic or second species. Apoplectic In this the symptoms are somewhat of the same premonitory nature; but are much more violent, and pun their course in a



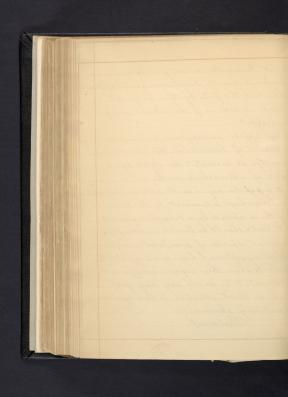
shorter time; but with this exception, what it is seldow accompanied by, or is the cause of labour. The breathing is much Shysterical. In this species we have something to add If the preceding symptoms exist at all, it is to a very small degree, I but a short time the heart, fits of laughing, crying) He .agitated as in the two former species, nor ting noise, which characterize the first &



affected, I the patient is with great diffe cutty kept in bear ._ Her pulse and respiration continue more natural, during the whole course of the paronysm. This kind attacks women of delicate habits, who are much addicted to hysteria, and is very seldom or never followed by blind enefs, or imperfect vision, and its paroxyams are former over after some line recently staring about the room. Another species of convulsion, to which women are subject during pregnancy and labour, arises from profuse himorrhage, 9, by a strict attention to the phenomena, may be distriguished .-In this the museles of the face are violently, whereas those of the extremities are but little,

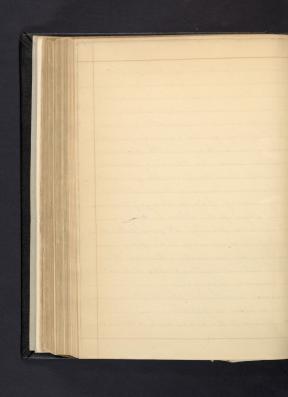


Cach fit terminates in deliquine animi. The pulse is nearly, sometimes quite, imper eceptible, and the fits, by their frequent recurrence warn us of the extreme danger Mis species of convulsion, the cause being, frequently so evident, I The effects symp - tomatic of approaching death. But it is possible: may, I doubt not even frequent by the homorrhage is concealed by the contract tion of the os utero, or by a coaquilum formed in that part & should be treated accordingly. The different species of puerperal convulsions and their symptoms, I hope are sufficiently, explained to show, they require a difference of treatment, I to avoid any very groß error, if a strict attention to these symptoms be cautiously observed.

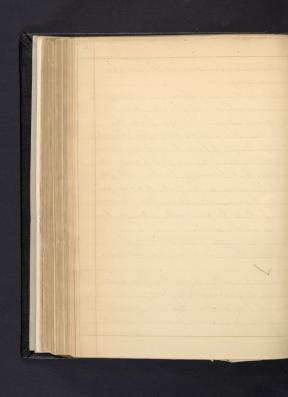


jugular vain is opened with decided He also Lays; if the blood be drawn gut tatino or very slowly, it gives little or an injury, by partially, retieving the An enema or cathartie should be admine = istered as soon as possible.

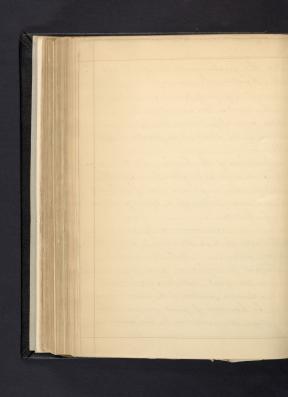
Cold applied to the head, and blisters to



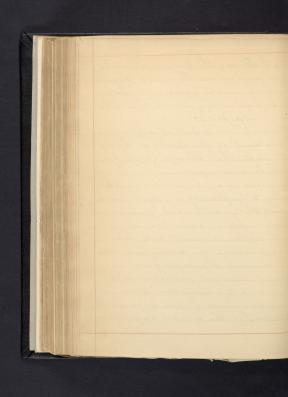
The extremities, are serviceable in the Bandelocques says authors are not perfect ely agreed, where we should open the wein; some advise bleeding from the foot, others the arm, of a third from the noch .-He further says I have known convulsions, described in par. 110% (our first kina) yield to nothing but bleeding in the neck, after soveral bleedings in the foot; those in par MO3. (our thina kina) appear, after bleeding in the foot, to be constantly retieved by bleeding in the armo? These two paragraphs of Boudsloque show Ir was impirically prescribed for, and consequently, accidentally, cured. Experience has shown, that the neares The blood is drawn from the part



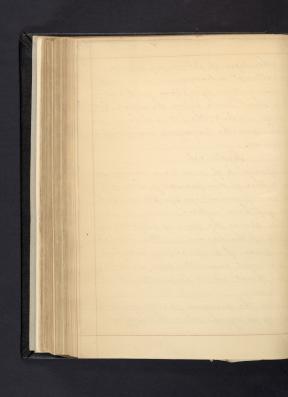
affected the greater will be the relief afforded; Therefore, the nearer the head (as the head is most affected) provided the vein bes large, the greater the advantages. Difections invariably proves, the disproveredis conditions of the brain, to a greater or less extent. the importances of the brain, and the engoye demonstrate the imperious use of the lancet and the necessition of a speedy abstrac It has been recommended by some practitioners of high standing, to divide the temporal artery. But this would blood, in the first instance, according to The most approved practice of the present day. It may be however of great services in the latter stage, after venesction has been premised .-



After all This and the pulse is reduced too We know of no important difference in the treatment of this species of the sus - sase, except, that bleeding, if possible, Thould be more copious ._ This species, may be divided into Low - opathie, & Symptomatic. - By the former, is meant, that, with which pregnancy By the latter, is meant that, where labour or pregnancy merely produces a Strong determination to the head . __ That in consequence of there being no inclination of the or uter to dilate, or



any other signs of labour, we should never attempt delivery. The premonitory Lymptons in this occur but a short time before the attack, but are very violent; the fit is of longer su = ration, and the paroxysus are of ineque Correcuraence Systerical This species is of more rare occurrence, Than either of the precessing, and has Lome few premonitory symptoms, which have not been noticea. In This species the pain is situated in The top of the head. The woman has a sense of suffocation, and begs for air most earnestly, and a rising in the throat also is frequently felt at Sometimes the paroseyam is attended with laughing, or crying: when this happens



we cannot mistake the disease. The cure of this affection is nearly The James, as if the woman were not pregnant It seldom requires more than one bleeding of moderate quantity, when the pulse Opium, apafoctida, and its kindred articles, commonly cure the visease. When all these remedity fail; & as I have before stated the convulsions are aspendant upon the state of pregnancy; and as The practation still remains. it consequently follows, that the relieving the uterus of its contents must be one of the indications of cure. But this should never be attempted unless the os uteri be fully dilated; for it the attempt be made at an improper Time, it aggravates & increases The disease

against which we are contending.

